

PDR RID Report

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Review	FOS	
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Section N/A

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Figure Table N/A

Category Name Design

Actionee HAIS

Sub Category

Subject System Design Approach

Description of Problem or Suggestion:

Through the PDR presentation, the Flight Operation Team (FOT) was frequently referred to as the user. Which implied that the FOT is an external entity to the system designer. It is very important for us to recognize that the only reason we develop the FOS is to operate it, FOT is part of the organization (FOS); and they should participate in the system design and development with significant visibility in the organization structure. (A similar criticism has been brought up for the SDPS development before.)

Originator's Recommendation

FOT and IST users should participate in the system design and development with significant visibility.

GSFC Response by:

GSFC Response Date

HAIS Response by: D. Herring

HAIS Schedule 1/13/95

HAIS R. E. A. Miller

HAIS Response Date 1/26/95

The FOS development team views the participation of the FOT and IST users as a critical component in the development of FOS. The FOS development team has received a lot of input throughout the development life cycle from the FOT and IST users. A key point is that one of the many users of the FOS is a member of the FOS team - the FOS FOT. The FOS FOT works as a member of the team with the developers evaluating prototypes, interpreting requirements, refining operations comments, and critiquing the design.

In addition, the FOS has external users who are included in the design and development process. In particular, the FOS has formally presented the System Requirements, System Design, and the Preliminary Design to FOT and IST users at the respective project review. In addition, the FOS has held three Prototype Results Reviews with the FOT and IST users. At each of these reviews, the FOS development team received specific comments and questions that the FOS has addressed. This feedback from the user community was incorporated into the next prototype phase and/or the next design phase. This process will continue throughout the development life cycle.

In addition, workshops with the instrument and spacecraft teams to discuss requirements were held prior to PDR to discuss requirements, and a workshop with the instrument and spacecraft teams is scheduled for February 22-24, 1995 at Goddard.

Status Closed

Date Closed 2/1/95

Sponsor Johns

***** Attachment if any *****